RAW SEQUENCE LISTING

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Application Serial Number: _10/538,130A_

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PATENT APPLICATION: US/10/538,130A   TIME: 12:12:48

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 3 <110> APPLICANT: Tissot, Ghislaine
 4        Dufourmantel, Nathalie
 5        Garcon, Frederic
 6        Ferullo, Jean-Marc
 7        Pelissier, Bernard
 9 <120> TITLE OF INVENTION: Fertile Transplastomic Leguminous Plants
11 <130> FILE REFERENCE: 05500-00148
13 <140> CURRENT APPLICATION NUMBER: US 10/538,130A
14 <141> CURRENT FILING DATE: 2005-06-06
16 <150> PRIOR APPLICATION NUMBER: PCT/EP03/015007
17 <151> PRIOR FILING DATE: 2003-12-08
19 <150> PRIOR APPLICATION NUMBER: FR 02/15490
20 <151> PRIOR FILING DATE: 2002-12-06
22 <160> NUMBER OF SEQ ID NOS: 41
24 <170> SOFTWARE: PatentIn version 3.3
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28 <211> LENGTH: 1362
29 <212> TYPE: DNA
30 <213> ORGANISM: Glycine max
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37 aggactcttc tactgcattt ttatttactt tttttttatt tcttttcttc catcattcct     180
39 taactcccac aaggtttggt cctgtagaat ctgacccatt tcatcattga gcgaaaagta     240
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45 gtatctgtat gaatcgatat tattacattc caaaattcct tcccgatacc tcctaaggaa     420
47 ccgaattgga tcccaaattg acgggttagt gtgagcttat ccatgcggtt atgcaccctt     480
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88  aactccaaga agttgtttaa gaatagtggc gttgagtttc ttgacccttt gccttaggat     120
90  tagtcagttc tatttctcga tggaggcaag ggatataact cagcggtaga gtgtcacctt     180
92  gacgtggtgg aagttatcag ttcgagcctg attatcccta aacccaatgt aagtttttct     240
94  atttgtatgc cgtgatcgaa taataattga gaatggataa gaggctcgtg ggattacacg     300
96  aggggtgggg gggctatatt tctgggagcg aactccagtc gaatatgaag cgcctggata     360
98  caagttatgc cttggaatgg aagagaattc cgaatcagct ttgtctacga acaaggaagc     420
100 tataagtaat gcaactagga atctcatgga gagttcgatc ctggctcagg atgaacgctg     480
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106 cccgtaggct gaggagcaaa aggaggaatc cgcccgagga ggggctcgcg tctgattagc     660
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118 aaagcgtctg taggtggctt tttaagttcg ccgtcaaatc ccagggctca accctggaca    1020
120 ggcggtggaa actaccaagc tggagtacgg taggggcaga gggaatttcc ggtggagcgg    1080
122 tgaaatgcgt agagatcgga aagaacacca acggcgaaag cactctgctg ggccgacact    1140
124 gacactgaga gacgaaagct aggggagcga atgggattag atacccagt agtcctagcc     1200
128 gtaaacgatg gatactaggc gctgtgcgta tcgacccgtg caatgctgta gctaacgcgt    1260
130 taagtatccc gcctggggag tacgttcgca agaatgaaac tcaaaggaat tgacgggggc    1320
132 ccgcacaagc ggtggagcat gtggtttaat tcgatgcaaa gcgaagaacc ttaccagggc    1380
134 ttgacatgcc gcgaatcctc ttgaaagaga ggggtgcctt cgggaacgcg gacacaggtg    1440
136 gtgcatggct gtcgtcagct cgtgccgtaa ggtgttgggt taagtcccgc aacgagcgca    1500
138 accctcgtgt ttagttgcca acatttagtt tggaaccctg agcagactgc cggtgataag    1560
140 ccggaggaag gtgaggatga cgtcaagtca tcatgcccct tatgccctgg cgacacacg     1620
142 tgctacaatg gacgggacaa aggatcgcga tcccgcgagg gtgagctaac tccaaaaacc    1680
144 cgtcctcagt tcggattgta ggctgcaact cgcctgcatg aagccggaat cgctagtaat    1740
146 cgccggtcag ccatacggcg gtg                                           1763
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151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Synthetic sequence OSSD3
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163 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Synthetic sequence OSSD5
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177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial Sequence
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181 <223> OTHER INFORMATION: Synthetic sequence OSSG3
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188 <211> LENGTH: 39
189 <212> TYPE: DNA
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229 <220> FEATURE:
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239 <213> ORGANISM: Artificial sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Synthetic sequence AADA312
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249 tgtagggagg gatccatggc agaagcggtg atcgccgaag tatcaactca actatcagag  180
251 gtagttggcg tcatcgagcg ccatctcgaa ccgacgttgc tggccgtaca tttgtacggc  240
253 tccgcagtgg atggcggcct gaagccacac agtgatattg atttgctggt tacggtgacc  300
255 gtaaggcttg atgaaacaac gcggcgagct ttgatcaacg accttttgga aacttcggct  360
257 tcccctggag agagcgagat tctccgcgct gtagaagtca ccattgttgt gcacgacgac  420
259 atcattccgt ggcgttatcc agctaagcgc gaactgcaat ttggagaatg gcagcgcaat  480
261 gacattcttg caggtatctt cgagccagcc acgatcgaca ttgatctggc tatcttgctg  540
263 acaaaagcaa gagaacatag cgttgccttg gtaggtccag cggcggagga actctttgat  600
266 ccggttcctg aacaggatct atttgaggcg ctaaatgaaa ccttaacgct atggaactcg  660
268 ccgcccgact gggctggcga tgagcgaaat gtagtgctta cgttgtcccg catttggtac  720
270 agcgcagtaa ccggcaaaat cgcgccgaag gatgtcgctg ccgactgggc aatggagcgc  780
272 ctgccggccc agtatcagcc cgtcatactt gaagctagac aggcttatct tggacaagaa  840
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282 atagaaaaag aaggagaggt tattttcttg catttattca tgattgagta ttctattttg 1140
284 attttgtatt tgtttaaaat tgtagaaata gaacttgttt ctcttcttgc taatgttact 1200
286 atatcttttt gatttttttt ttccaaaaaa aaaatcaaat tttgacttct tcttatctct 1260
288 tatctttgaa tatctcttat ctttgaaata ataatatcat tgaaataaga aagaagagct 1320
290 atattcg                                                          1327
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296 <213> ORGANISM: Artificial sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Synthetic sequence AADA166
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306 tgtagggagg gatttatgga tcccgaagcg gtgatcgccg aagtatcaac tcaactatca  180
308 gaggtagttg gcgtcatcga gcgccatctc gaaccgacgt tgctggccgt acatttgtac  240
310 ggctccgcag tggatggcgg cctgaagcca cacagtgata ttgatttgct ggttacggtg  300
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314 gcttcccctg gagagagcga gattctccgc gctgtagaag tcaccattgt tgtgcacgac  420
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322 gatccggttc ctgaacagga tctatttgag gcgctaaatg aaaccttaac gctatggaac  660
324 tcgccgcccg actgggctgg cgatgagcga aatgtagtgc ttacgttgtc ccgcatttgg  720
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328 cgcctgccgg cccagtatca gcccgtcata cttgaagcta gacaggctta tcttggacaa  840
330 gaagaagatc gcttggcctc gcgcgcagat cagttggaag aatttgtcca ctacgtgaaa  900
332 ggcgcgagatca ccaaggtagt cggcaaataa tctagcgatc ctggcctagt ctataggagg  960
334 ttttgaaaag aaaggagcaa taatcatttt cttgttctat caagagggtg ctattgctcc 1020
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342 actatatctt tttgattttt tttttccaaa aaaaaaatca aattttgact tcttcttatc   1260
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346 gctatattcg                                                          1330
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351 <211> LENGTH: 1746
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363 gttatccttg gaaggaaaga caattccgaa tctagaaata attttgttta actttaagaa    180
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378 cgttcgttag cggcagcgct atgtctgggg caaaatgaga tagtgttaac cggcgaaccg    600
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427 <223> OTHER INFORMATION: Synthetic sequence AROA319
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